



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Tuesday, January 24, 2017

Issued: 0800 CT

**Day 1 Weather Impacts:** (1) Snow and strong winds in the higher elevations of northern and western NM. (2) Elevated to critical fire weather threat over west & central OK into northwest and west TX.

National Weather Service

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



Prepared by: Brian Hoeth  
817-978-1100 x 147

# Key Points



## Today

- Elevated to critical fire weather threat over west & central OK into northwest and west TX
- Snow and strong winds in the higher elevations of northern and western NM will lead to blowing snow and low visibility

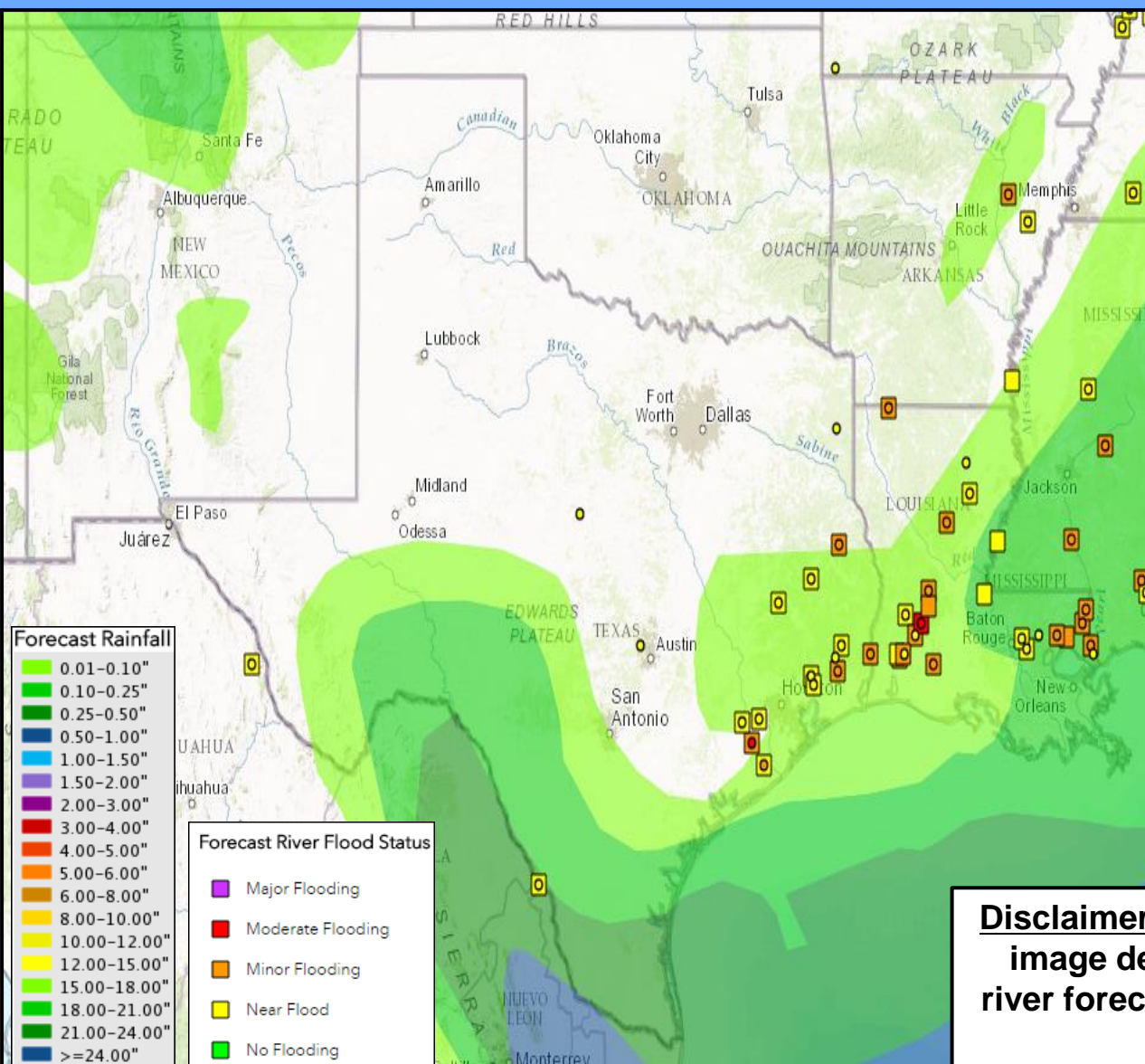
## Wednesday

- Elevated fire weather threat over south and west TX

## Thursday - Saturday

- No Weather Threats Expected

# 5-Day Precipitation Forecast & River Flood Status



**Rainfall for the next 5 days will be under an inch and will not add to ongoing river flooding. No significant impacts expected from ongoing river flooding.**

**Disclaimer:** Even though the forecast rainfall image depicts 5 days of expected rainfall, river forecasts only incorporate 2 days worth of precipitation.

**For the latest on river flooding:** <http://water.weather.gov/ahps>

# \*FEMA Region 6 Threat Matrix

Jan 24, 2017 - Jan 28, 2017

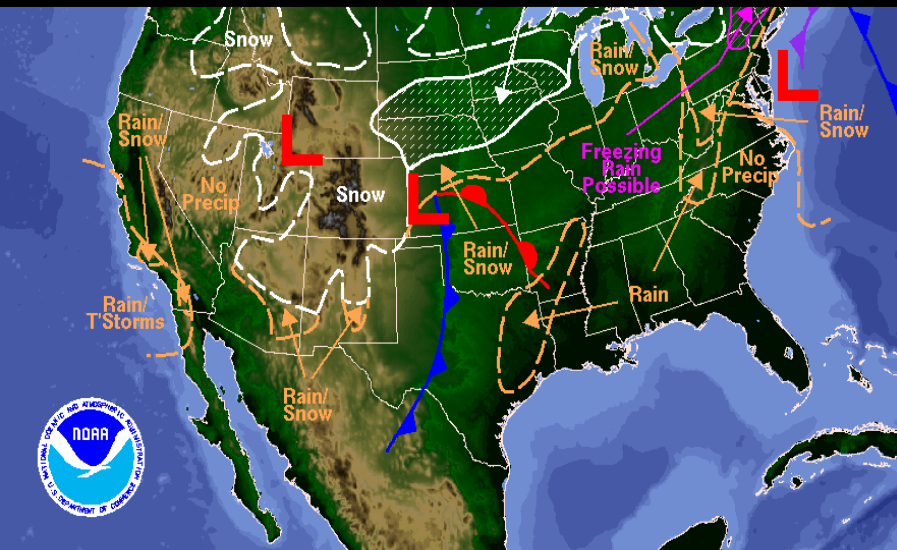
|                             | TUE                                | WED    | THU | FRI | SAT |
|-----------------------------|------------------------------------|--------|-----|-----|-----|
| Severe Weather              |                                    |        |     |     |     |
| Heavy Rain / Flash Flooding |                                    |        |     |     |     |
| Winter Weather              | Higher elevations of North/West NM |        |     |     |     |
| Fire Weather                | W&Cntrl OK, NW&W TX                | S&W TX |     |     |     |
| River Flooding              | LA, SE TX                          |        |     |     |     |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

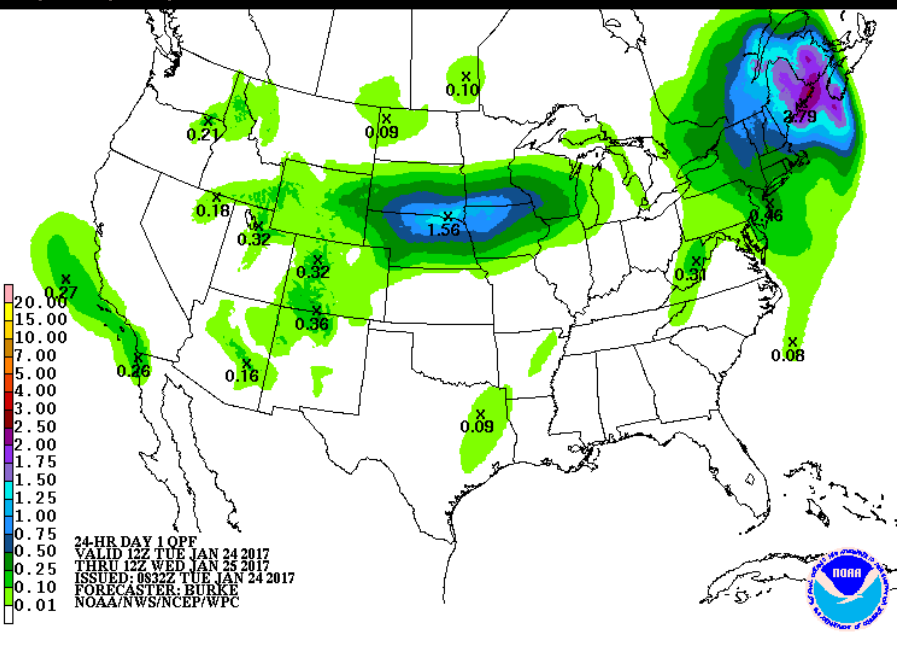
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Today's Weather

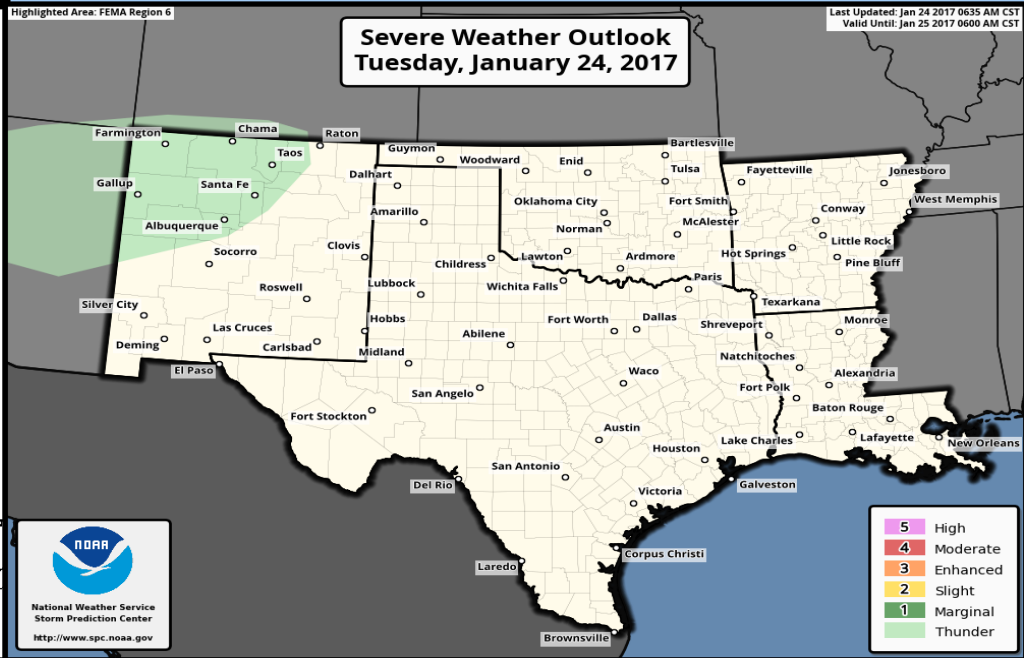


Weather Forecast for Tue, Jan 24, 2017, issued 4:36 AM EST  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds based on WPC, SPC and NHC forecasts



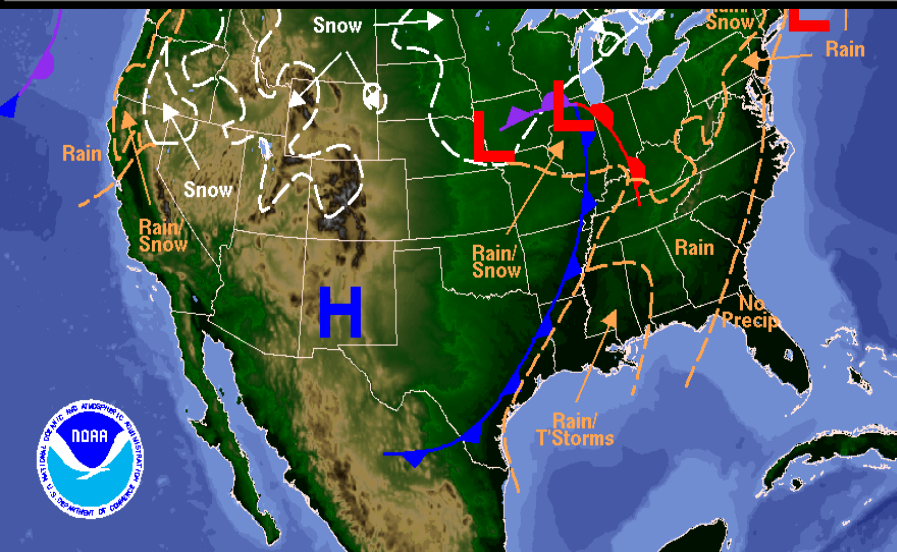
**Snow and strong winds in the higher elevation of northern and western NM**

**Elevated to critical fire weather threat over western and central OK into northwest and west TX**



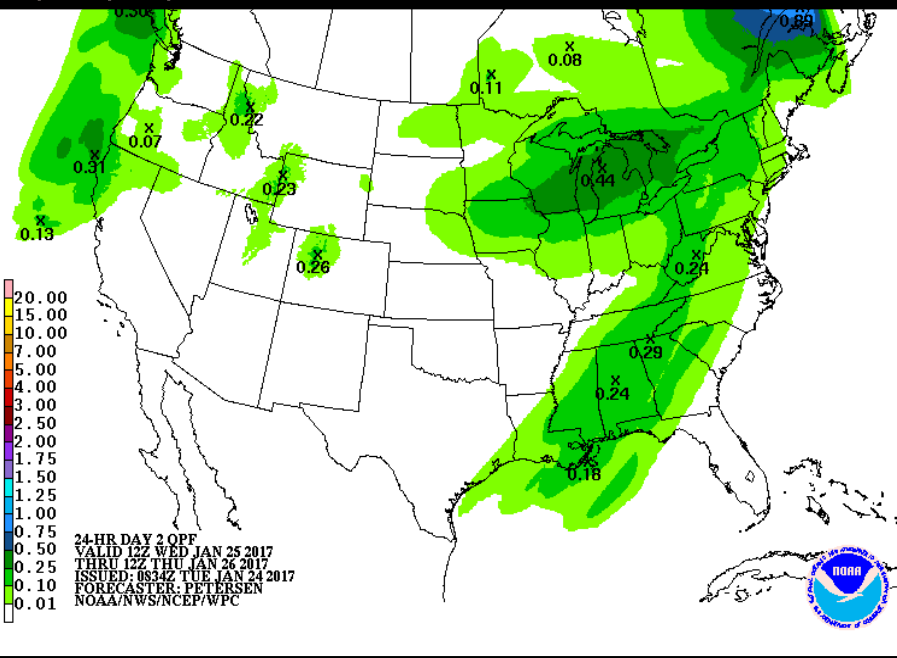


# Tomorrow's Weather

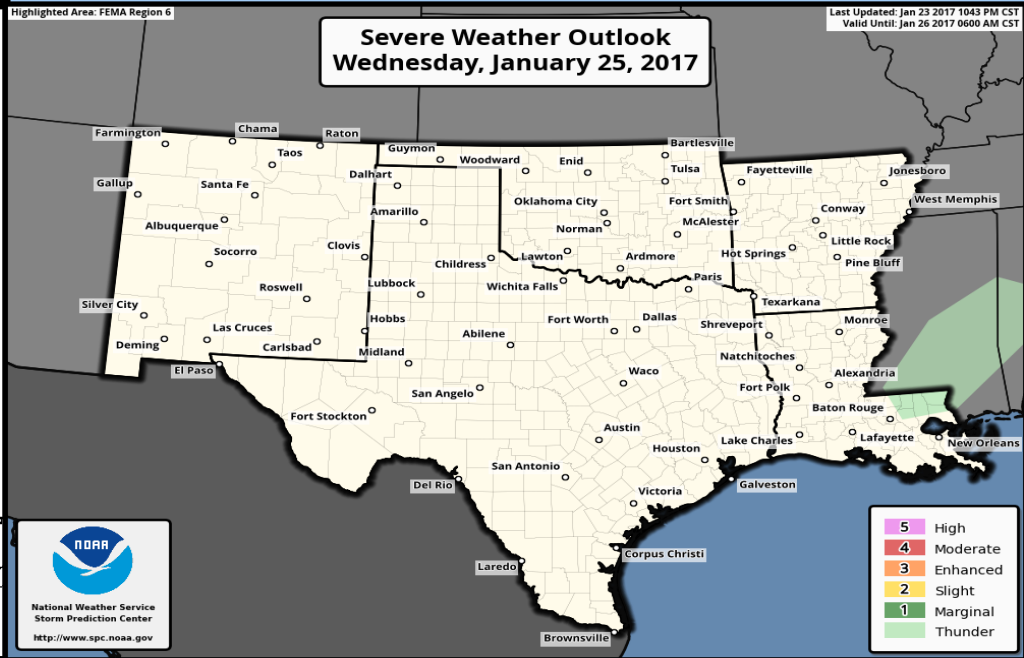


Weather Forecast for Wed, Jan 25, 2017, issued 4:43 AM EST Tue, Jan 24, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Elevated fire weather threat over south and west TX

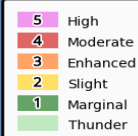


24-HR DAY 2 QPF  
VALID 12Z WED JAN 25 2017  
THRU 12Z THU JAN 26 2017  
ISSUED: 0834Z TUE JAN 24 2017  
FORECASTER: PETERSEN  
NOAA/NWS/NCEP/WPC

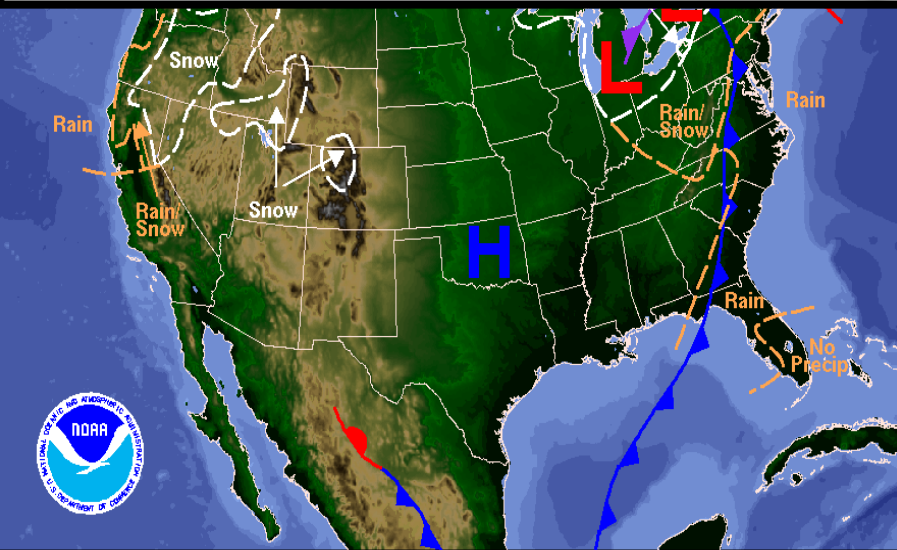


Severe Weather Outlook  
Wednesday, January 25, 2017

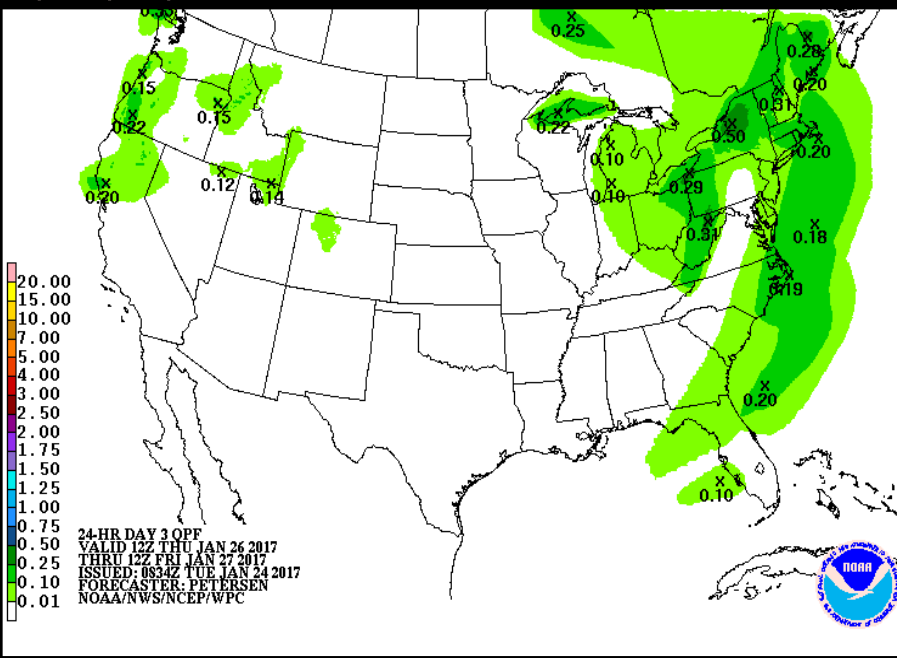
Last Updated: Jan 23 2017 1043 PM CST  
Valid Until: Jan 26 2017 0600 AM CST



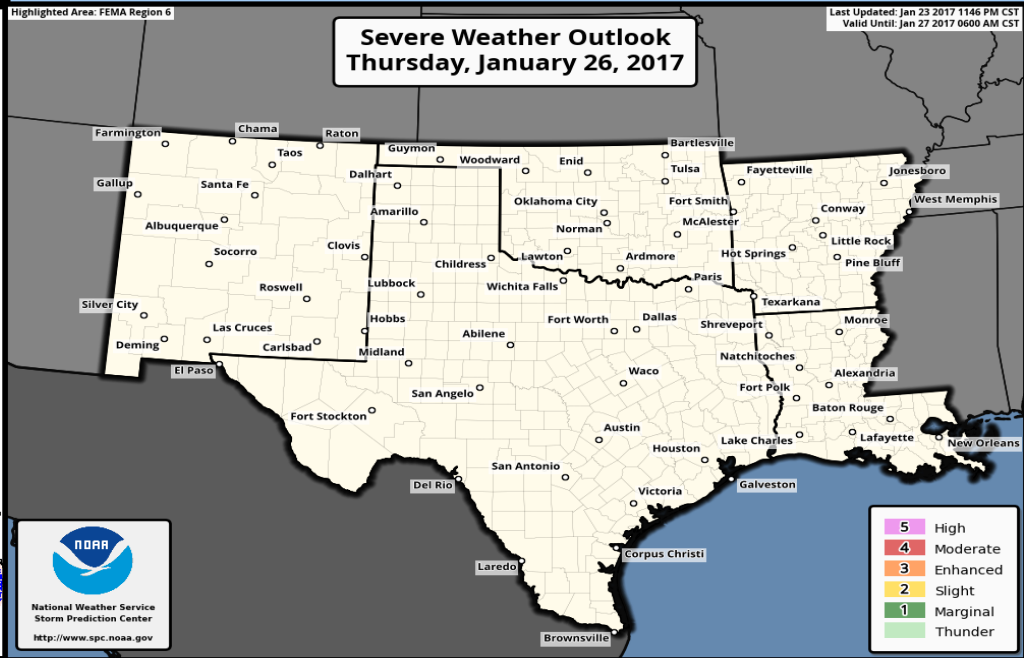
# Thursday's Weather



Weather Forecast for Thu, Jan 26, 2017, issued 4:47 AM EST Tue, Jan 24, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds based on WPC, SPC and NHC forecasts



No significant weather impacts expected



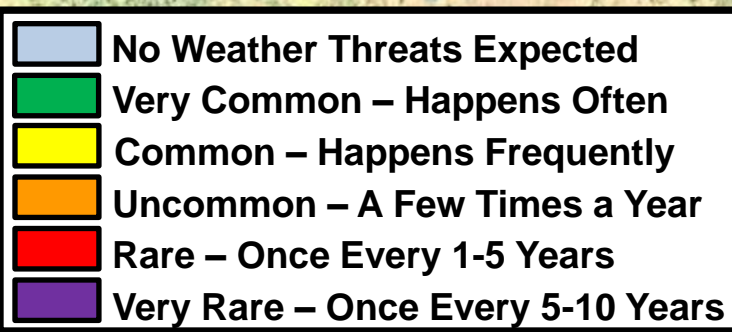


# Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



No significant weather impacts are expected.



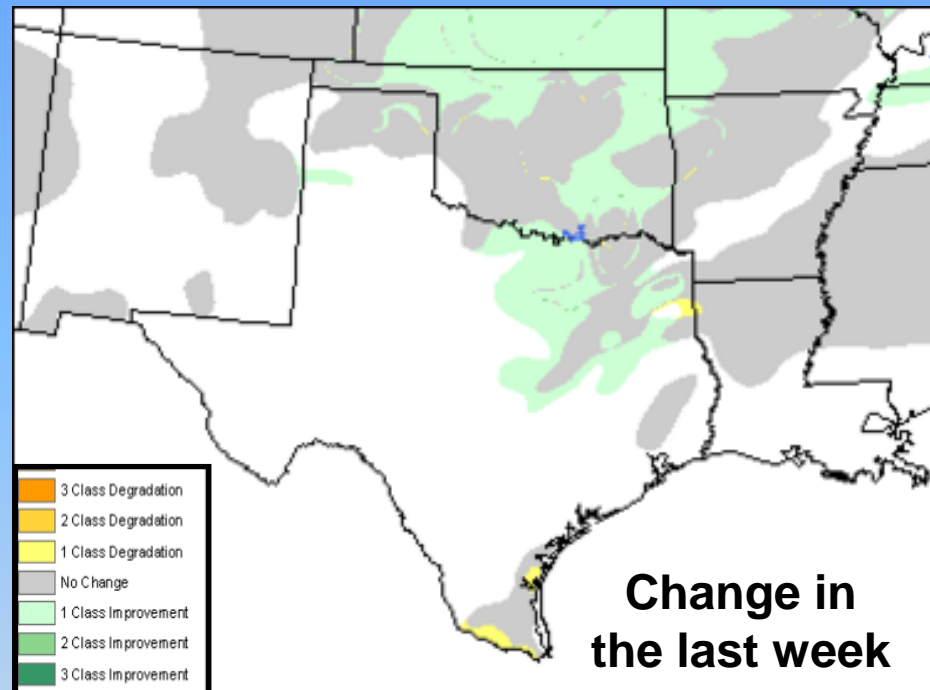
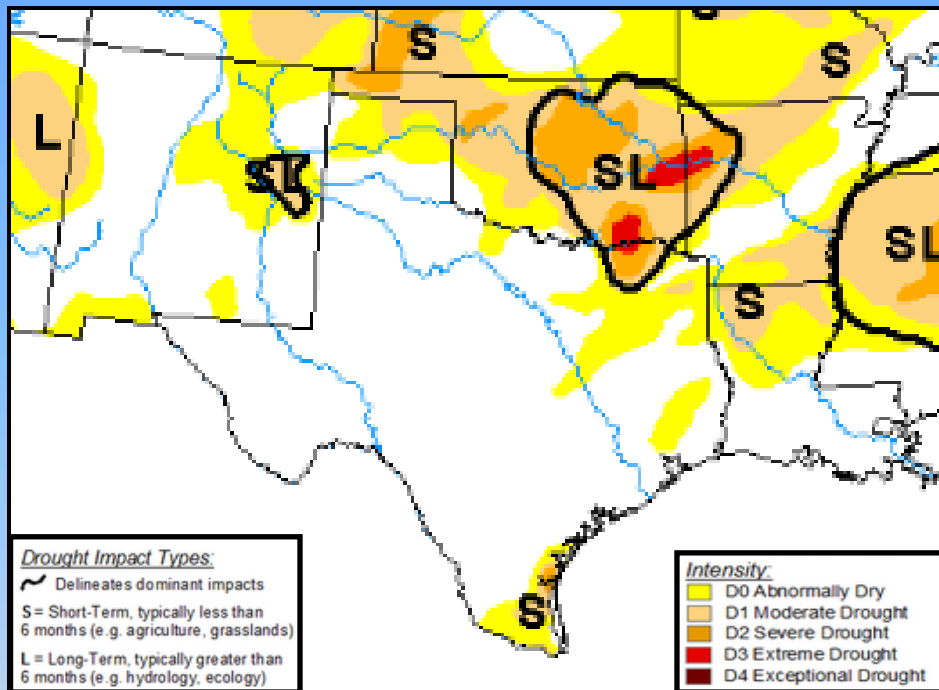
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released January 19, 2017

Data valid as of 7am CDT, Tuesday January 17, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State      | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Oklahoma   | 4.17%   | 5.66%     | 0.00%        | 0.00%      |
| Texas      | 0.15%   | 0.14%     | 0.00%        | 0.00%      |
| Arkansas   | 2.02%   | 2.02%     | 0.00%        | 0.00%      |
| Louisiana  | 0.00%   | 0.00%     | 0.00%        | 0.00%      |
| New Mexico | 0.00%   | 0.00%     | 0.00%        | 0.00%      |

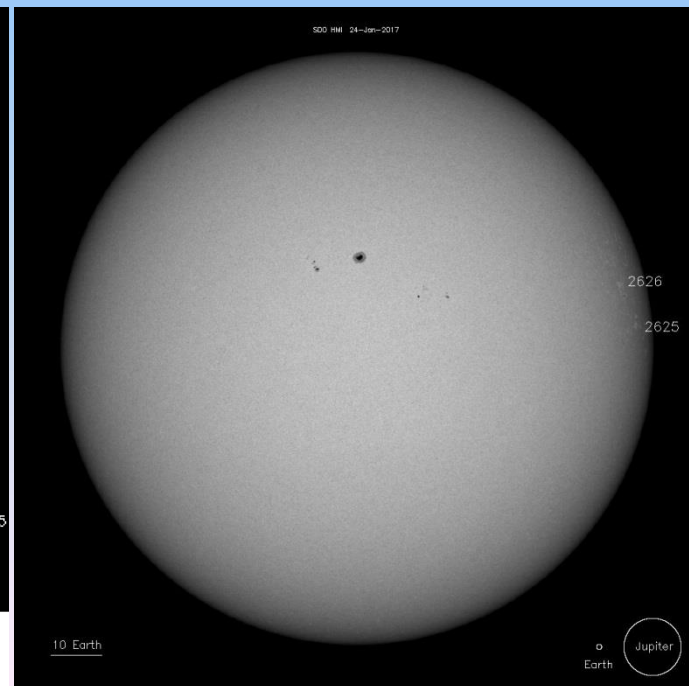
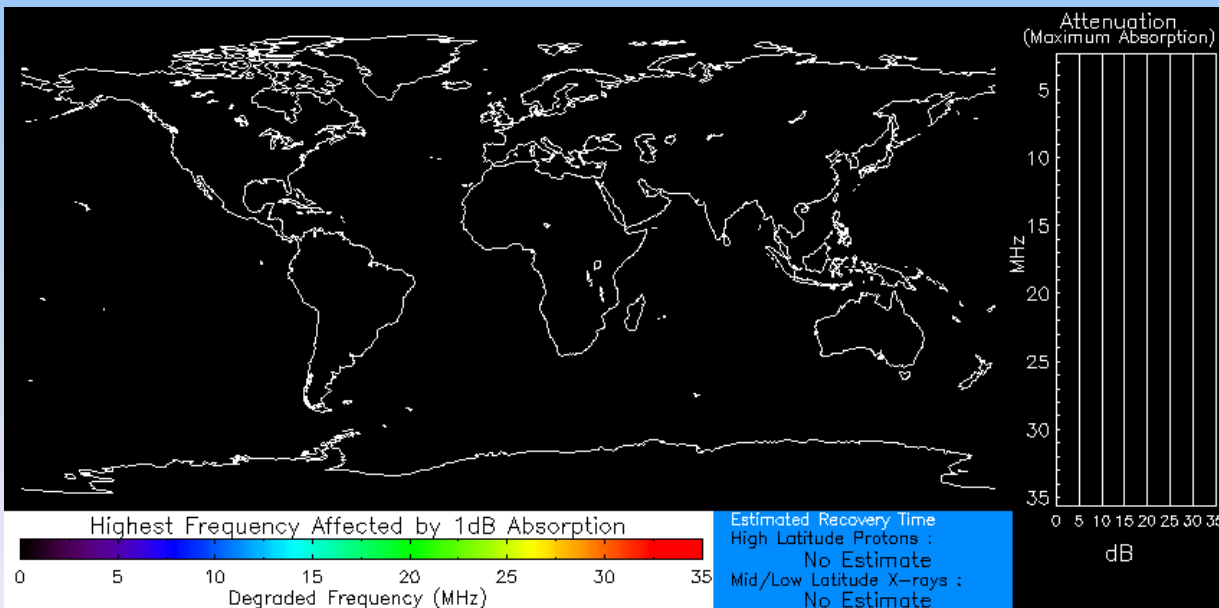
# Space Weather 3-Day Forecast



|                               | Tuesday               | Wednesday             | Thursday              |
|-------------------------------|-----------------------|-----------------------|-----------------------|
| Geomagnetic Storms            | Quiet<br>(Max Kp = 2) | Quiet<br>(Max Kp = 2) | Quiet<br>(Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1%                    | 1%                    | 1%                    |
| Radio Blackout (R1-R2)        | 10%                   | 10%                   | 10%                   |
| Radio Blackout (R3-R5)        | 1%                    | 1%                    | 1%                    |

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background  
Product Valid At : 2017-01-24 13:13 UTC

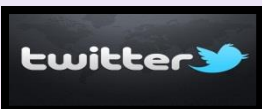
Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)  
 <https://www.facebook.com/NWSSouthern>



@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



| Weather "Threat" Matrix |  |   |  |
|-------------------------|--|---|--|
| Color                   | Definition   | Criteria  | Example(s)   |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>   |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life  | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |